

Memorandum

February 24, 2009

To: Victor Ketallapper
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From: Catherine LeCours

Re: Specific Use Area Soil Data from Troy

Following is my analysis of 392 soil sample results collected from Specific Use Areas with visible vermiculite noted during field inspection. (The Troy team went back to all SUAs with visible vermiculite and collected a soil sample from them during the 2008 season. In 2007, we were not sampling the SUAs; however, the anecdotal information the teams were hearing lead us to change the protocol in 2008 and go back to over 100 parcels to collect the sample.) While I am no statistician, I observe there are some statements in the numbers.

- First and foremost, Troy's soil is different than Libby's soil.
- Visible is not a viable trigger in Troy when compared to PLM-VE. So which data method do we trust more – visible or analytical?
- We can believe homeowners when they say they just bought it (at least the upper crust of the soil which is all we are removing anyway...)
- By far, the vast majority of these samples have very few "low" hits on the visible scale. The samples and use areas represented in the table do not include any "large piles of pure LA".

Included on the attached spreadsheet are the VV counts as well as the analytical bin results and description of the vermiculite noted. I used different highlight colors to identify the groups of similar sample parameters of bin and description. Please feel free to sort and compare as you wish. I also used red font to identify those limited samples that are outside the norm but would constitute a second look if the criteria become B2. Please note, not a single Bin C result.

There were five (5) samples collected with a description of "expanded leaking from building" and while only one of those had a Bin B2 result, I will not include those in my overall soil discussion. I am not suggesting we change anything for visible leaking from a building. (Although the results add to the uncertainty of our data collection tools.)

V V Description	# of Bin A/B1	# of Bin B2	Total # in Subset (description category)
Expanded Homeowner Purchase	1	0	1
Expanded Unknown Source	114	0	114
Unexpanded/Unexpanded Unknown Source	98	2	100
Unexpanded/Potting soil mix Homeowner purchase	170	1	171
Unknown	1	0	1

I would really like to discuss these results with the RPMs (or select team members as necessary) as soon as possible and consider any appropriate changes to protocol for the 2009 field season. (Given that the TAPE will be implemented in Libby, we can make OU-specific changes to the soil protocol.)

I think we need to recognize that Troy is different, look at the data we have, make decisions based on the current data, and spend our resources accordingly.

Is it possible to perform the same analysis/comparison with Libby data?

Thank you.

PropertyID	qSamples_Location	LocationDescription	VV_None	VV_Low	VV_Intermediate	VV_High	VV_Desc	BIN
AD-202004	UA-202597	S - Flower pot	17	1	0	4	Expanded Homeowner purchase	A
AD-202002	UA-202169	C - Yard (front, back, side)	19	6	4	1	Expanded leaking from building	B2
AD-200689	UA-202696	S - Driveway (unpaved)	0	0	12	0	Expanded leaking from building	B1
AD-200057	UA-200683	S - Flowerbed	14	12	4	0	Expanded Leaking from Building	B1
AD-202001	UA-202225	C - Yard (front, back, side)	27	2	1	0	Expanded leaking from building	A
AD-202012	UA-203304	C - Yard (front, back, side)	22	8	0	0	Expanded leaking from building	A
AD-202007	UA-202834	S - Flower pot	0	0	0	7	Expanded Unknown Source	B1
AD-200614	UA-202247	S - Stockpile	5	6	6	3	Expanded Unknown Source	B1
AD-202007	UA-202833	S - Flowerbed	0	2	28	0	Expanded Unknown Source	B1
AD-202007	UA-202831	C - Yard (front, back, side)	5	0	25	0	Expanded Unknown Source	B1
AD-200413	UA-200798	S - Flower pot	12	0	12	0	Expanded Unknown Source	A
AD-200739	UA-202244	S - Flower pot	14	4	12	0	Expanded Unknown Source	A
AD-200614	UA-202250	S - Driveway (unpaved)	20	7	3	0	Expanded Unknown Source	B1
AD-201134	UA-202495	S - Flower pot	12	4	2	0	Expanded Unknown Source	A
AD-200739	UA-202161	S - Garden	10	3	1	0	Expanded Unknown Source	A
AD-200249	UA-202505	L - Pasture or field	26	3	1	0	Expanded Unknown Source	B1
AD-200249	UA-202508	L - Underneath porches or decks	0	5	0	0	Expanded Unknown Source	A
AD-200739	UA-202155	C - Yard (front, back, side)	0	30	0	0	Expanded Unknown Source	A
AD-200739	UA-202159	S - Stockpile	0	15	0	0	Expanded Unknown Source	A
AD-200739	UA-202242	S - Stockpile	0	10	0	0	Expanded Unknown Source	A
AD-201185	UA-200260	S - Garden	0	30	0	0	Expanded Unknown Source	A
AD-200435	UA-203116	L - Underneath porches or decks	0	5	0	0	Expanded Unknown Source	A
AD-200435	UA-203116	L - Underneath porches or decks	0	5	0	0	Expanded Unknown Source	A
AD-200541	UA-203123	L - Underneath porches or decks	0	3	0	0	Expanded Unknown Source	A
AD-201121	UA-203017	C - Yard (front, back, side)	1	29	0	0	Expanded Unknown Source	A
AD-200583	UA-202044	S - Flower pot	2	1	0	0	Expanded Unknown Source	A
AD-201066	UA-202177	S - Flower pot	3	7	0	0	Expanded Unknown Source	A
AD-200773	UA-202981	C - Former flowerbed	3	12	0	0	Expanded Unknown Source	A
AD-202008	UA-203010	C - Former House Foundation	3	2	0	0	Expanded Unknown Source	A
AD-200376	UA-202166	S - Garden	4	8	0	0	Expanded Unknown Source	A
AD-200047	UA-202346	S - Flower pot	5	5	0	0	Expanded Unknown Source	A
AD-200507	UA-202814	S - Flowerbed	5	3	0	0	Expanded Unknown Source	A
AD-200047	UA-202347	C - Former garden	7	3	0	0	Expanded Unknown Source	A
AD-201224	UA-202612	S - Flowerbed	8	4	0	0	Expanded Unknown Source	A
AD-200159	UA-202151	S - Flowerbed	9	1	0	0	Expanded Unknown Source	A
AD-200159	UA-202152	S - Flowerbed	9	1	0	0	Expanded Unknown Source	A
AD-201103	UA-202233	S - Flowerbed	9	1	0	0	Expanded Unknown Source	A
AD-200464	UA-201033	S - Flowerbed	9	1	0	0	Expanded Unknown Source	A
AD-200005	UA-203303	S - Water Utility Aggregate/Soil	9	1	0	0	Expanded Unknown Source	A
AD-200101	UA-203334	S - Chicken coop	9	1	0	0	Expanded Unknown Source	A
AD-200184	UA-202186	S - Garden	10	20	0	0	Expanded Unknown Source	A
AD-201199	UA-203150	S - Flowerbed	10	5	0	0	Expanded Unknown Source	A
AD-200578	UA-203323	S - Flowerbed	10	20	0	0	Expanded Unknown Source	A
AD-201560	UA-203117	C - Yard (front, back, side)	10	20	0	0	Expanded Unknown Source	A
AD-201066	UA-202175	S - Flowerbed	12	3	0	0	Expanded Unknown Source	A
AD-202007	UA-202839	S - Flowerbed	12	8	0	0	Expanded Unknown Source	A
AD-201148	UA-202211	S - Garden	13	2	0	0	Expanded Unknown Source	A
AD-200332	UA-200759	S - Flowerbed	13	2	0	0	Expanded Unknown Source	A
AD-200734	UA-201038	S - Flowerbed	13	2	0	0	Expanded Unknown Source	A
AD-200541	UA-203120	S - Driveway (unpaved)	13	2	0	0	Expanded Unknown Source	A
AD-201066	UA-202183	L - Underneath porches or decks	14	1	0	0	Expanded Unknown Source	A
AD-200184	UA-202187	S - Flowerbed	14	1	0	0	Expanded Unknown Source	A
AD-200919	UA-202563	S - Dog pen	14	6	0	0	Expanded Unknown Source	A
AD-201210	UA-201897	C - Former House Foundation	15	15	0	0	Expanded Unknown Source	A
AD-200381	UA-202319	S - Road (unpaved)	16	14	0	0	Expanded Unknown Source	A

AD-200739	UA-202157	S - Driveway (unpaved)	17	13	0	0	Expanded Unknown Source	A
AD-200563	UA-201002	S - Garden	18	2	0	0	Expanded Unknown Source	A
AD-200578	UA-203322	S - Driveway (unpaved)	18	2	0	0	Expanded Unknown Source	A
AD-200614	UA-202245	S - Garden	19	11	0	0	Expanded Unknown Source	A
AD-201555	UA-202710	S - Road (unpaved)	19	1	0	0	Expanded Unknown Source	A
AD-200433	UA-200323	S - Flowerbed	20	4	0	0	Expanded Unknown Source	A
AD-201490	UA-203020	C - Yard (front, back, side)	20	10	0	0	Expanded Unknown Source	A
AD-202001	UA-202229	C - Walkway (unpaved)	21	2	0	0	Expanded Unknown Source	A
AD-202012	UA-203305	S - Flowerbed	24	6	0	0	Expanded Unknown Source	A
AD-201066	UA-202174	C - Yard (front, back, side)	25	5	0	0	Expanded Unknown Source	A
AD-200376	UA-202167	C - Yard (front, back, side)	25	5	0	0	Expanded Unknown Source	A
AD-200773	UA-202973	C - Yard (front, back, side)	26	4	0	0	Expanded Unknown Source	A
AD-201555	UA-202708	C - Former House Foundation	26	4	0	0	Expanded Unknown Source	A
AD-201095	UA-202549	S - Dog pen	26	4	0	0	Expanded Unknown Source	A
AD-200734	UA-201037	S - Garden	26	4	0	0	Expanded Unknown Source	A
AD-200047	UA-202348	C - Yard (front, back, side)	27	3	0	0	Expanded Unknown Source	A
AD-200106	UA-202366	L - Overgrown areas	27	3	0	0	Expanded Unknown Source	A
AD-202007	UA-202832	S - Driveway (unpaved)	27	3	0	0	Expanded Unknown Source	A
AD-201150	UA-201501	S - Flowerbed	27	3	0	0	Expanded Unknown Source	A
AD-200659	UA-203308	C - Yard (front, back, side)	27	3	0	0	Expanded Unknown Source	A
AD-200387	UA-203340	S - Garden	27	3	0	0	Expanded Unknown Source	A
AD-201077	UA-202556	C - Yard (front, back, side)	28	2	0	0	Expanded Unknown Source	A
AD-201095	UA-202543	S - Driveway (unpaved)	28	2	0	0	Expanded Unknown Source	A
AD-201095	UA-202548	S - Dog pen	28	2	0	0	Expanded Unknown Source	A
AD-200816	UA-203062	L - Maintained or mowed fields	28	2	0	0	Expanded Unknown Source	A
AD-201176	UA-201916	S - Garden	28	2	0	0	Expanded Unknown Source	A
AD-202005	UA-202822	C - Yard (front, back, side)	28	2	0	0	Expanded Unknown Source	A
AD-200581	UA-203325	C - Yard (front, back, side)	28	2	0	0	Expanded Unknown Source	A
AD-200581	UA-203327	S - Flowerbed	28	2	0	0	Expanded Unknown Source	A
AD-200101	UA-203332	C - Yard (front, back, side)	28	2	0	0	Expanded Unknown Source	A
AD-200578	UA-203321	C - Yard (front, back, side)	28	2	0	0	Expanded Unknown Source	A
AD-201523	UA-203124	C - Yard (front, back, side)	28	2	0	0	Expanded Unknown Source	A
AD-200138	UA-202144	C - Yard (front, back, side)	29	1	0	0	Expanded Unknown Source	A
AD-201066	UA-202173	S - Driveway (unpaved)	29	1	0	0	Expanded Unknown Source	A
AD-202008	UA-203013	S - Flowerbed	29	1	0	0	Expanded Unknown Source	A
AD-202007	UA-202836	S - Garden	29	1	0	0	Expanded Unknown Source	A
AD-201164	UA-202900	S - Flower pot	29	1	0	0	Expanded Unknown Source	A
AD-200249	UA-202513	L - Underneath porches or decks	0	1	0	0	Expanded Unknown Source	B1
AD-200739	UA-202160	S - Garden	0	30	0	0	Expanded Unknown Source	B1
AD-202002	UA-202171	S - Flowerbed	2	11	0	0	Expanded Unknown Source	B1
AD-200435	UA-203114	S - Flowerbed	2	8	0	0	Expanded Unknown Source	B1
AD-200249	UA-202514	S - Flowerbed	3	2	0	0	Expanded Unknown Source	B1
AD-200138	UA-202141	S - Wood Splitting Area	4	6	0	0	Expanded Unknown Source	B1
AD-200509	UA-202721	S - Flowerbed	4	1	0	0	Expanded Unknown Source	B1
AD-200115	UA-202729	S - Garden	4	2	0	0	Expanded Unknown Source	B1
AD-200038	UA-200274	S - Flowerbed	5	5	0	0	Expanded Unknown Source	B1
AD-202001	UA-202228	L - Underneath porches or decks	7	3	0	0	Expanded Unknown Source	B1
AD-200159	UA-202149	S - Flowerbed	9	1	0	0	Expanded Unknown Source	B1
AD-200249	UA-202511	S - Defined play area	13	1	0	0	Expanded Unknown Source	B1
AD-201565	UA-202318	C - Yard (front, back, side)	13	1	0	0	Expanded Unknown Source	B1
AD-200575	UA-201775	S - Flowerbed	14	6	0	0	Expanded Unknown Source	B1
AD-200438	UA-202741	S - Driveway (unpaved)	14	3	0	0	Expanded Unknown Source	B1
AD-201185	UA-200256	S - Garden	17	13	0	0	Expanded Unknown Source	B1
AD-202002	UA-202170	C - Yard (front, back, side)	21	9	0	0	Expanded Unknown Source	B1
AD-200966	UA-201278	S - Flowerbed	24	6	0	0	Expanded Unknown Source	B1
AD-202007	UA-202840	S - Garden	26	4	0	0	Expanded Unknown Source	B1

AD-200567	UA-201602	S - Flowerbed	26	4	0	0	Expanded Unknown Source	B1
AD-200541	UA-203121	S - Flowerbed	26	4	0	0	Expanded Unknown Source	B1
AD-200376	UA-202164	C - Yard (front, back, side)	27	3	0	0	Expanded Unknown Source	B1
AD-200138	UA-202140	S - Flowerbed	28	2	0	0	Expanded Unknown Source	B1
AD-200249	UA-202506	C - Yard (front, back, side)	28	2	0	0	Expanded Unknown Source	B1
AD-200164	UA-202802	S - Driveway (unpaved)	28	2	0	0	Expanded Unknown Source	B1
AD-200946	UA-201462	S - Flowerbed	28	2	0	0	Expanded Unknown Source	B1
AD-200005	UA-202919	C - Yard (front, back, side)	28	2	0	0	Expanded Unknown Source	B1
AD-200919	UA-202565	S - Flowerbed	29	1	0	0	Expanded Unknown Source	B1
AD-200572	UA-202526	C - Former garden	0	0	0	30	Unexpanded	B1
AD-200480	UA-200775	S - Garden	0	5	25	0	Unexpanded	B2
AD-200334	UA-200097	S - Garden	0	27	3	0	Unexpanded	B1
AD-200057	UA-200684	S - Flowerbed	24	3	3	0	Unexpanded	B1
AD-200922	UA-201229	S - Stockpile	0	8	2	0	Unexpanded	B1
AD-200533	UA-200410	S - Garden	20	8	2	0	Unexpanded	B1
AD-200533	UA-200397	S - Flowerbed	0	8	2	0	Unexpanded	B2
AD-201213	UA-202849	L - Maintained or mowed fields	29	0	1	0	Unexpanded	B1
AD-200381	UA-202321	S - Stockpile	0	7	0	0	Unexpanded	A
AD-200321	UA-202407	S - Flowerpot	1	3	0	0	Unexpanded	A
AD-200602	UA-202238	S - Flowerbed	2	8	0	0	Unexpanded	A
AD-200602	UA-202240	S - Flower pot	2	6	0	0	Unexpanded	A
AD-200520	UA-202326	S - Flower pot	4	4	0	0	Unexpanded	A
AD-200600	UA-201305	S - Flower pot	6	4	0	0	Unexpanded	A
AD-200602	UA-202241	S - Flowerbed	6	4	0	0	Unexpanded	A
AD-200556	UA-202411	S - Flowerbed	6	4	0	0	Unexpanded	A
AD-200118	UA-202476	S - Garden	7	4	0	0	Unexpanded	A
AD-200698	UA-201346	S - Flower pot	7	3	0	0	Unexpanded	A
AD-200381	UA-202320	S - Stockpile	9	1	0	0	Unexpanded	A
AD-200654	UA-201224	S - Flower pot	10	4	0	0	Unexpanded	A
AD-200265	UA-202906	S - Garden	11	4	0	0	Unexpanded	A
AD-200345	UA-202401	S - Flowerbed	12	3	0	0	Unexpanded	A
AD-200022	UA-202426	S - Flowerbed	18	2	0	0	Unexpanded	A
AD-200516	UA-202927	S - Flowerbed	23	1	0	0	Unexpanded	A
AD-200606	UA-202890	C - Yard (front, back, side)	23	7	0	0	Unexpanded	A
AD-200265	UA-202902	C - Yard (front, back, side)	24	6	0	0	Unexpanded	A
AD-200969	UA-201360	S - Garden	25	5	0	0	Unexpanded	A
AD-200480	UA-200773	S - Flowerbed	27	3	0	0	Unexpanded	A
AD-200022	UA-202424	S - Garden	27	3	0	0	Unexpanded	A
AD-201149	UA-201657	S - Garden	27	3	0	0	Unexpanded	A
AD-200480	UA-200772	S - Flowerbed	28	2	0	0	Unexpanded	A
AD-200602	UA-202343	C - Yard (front, back, side)	28	2	0	0	Unexpanded	A
AD-200879	UA-201637	S - Flowerbed	29	1	0	0	Unexpanded	A
AD-200345	UA-202400	S - Driveway (unpaved)	29	1	0	0	Unexpanded	A
AD-200591	UA-202317	S - Driveway (unpaved)	29	1	0	0	Unexpanded	A
AD-200448	UA-200029	S - Flowerbed	29	1	0	0	Unexpanded	A
AD-200448	UA-200031	S - Flowerbed	29	1	0	0	Unexpanded	A
AD-200334	UA-200094	S - Flowerbed	8	7	0	0	Unexpanded	B1
AD-200533	UA-200407	S - Garden	15	15	0	0	Unexpanded	B1
AD-200118	UA-202472	C - Yard (front, back, side)	24	6	0	0	Unexpanded	B1
AD-200380	UA-202739	S - Driveway (unpaved)	25	5	0	0	Unexpanded	B1
AD-200380	UA-202738	S - Defined play area	27	3	0	0	Unexpanded	B1
AD-200282	UA-202951	S - Driveway (unpaved)	27	3	0	0	Unexpanded	B1
AD-201569	UA-202856	S - Flowerbed	29	1	0	0	Unexpanded	B1
AD-202006	UA-202946	C - Yard (front, back, side)	4	0	0	2	Unexpanded Unknown Source	B1
AD-200804	UA-202442	S - Flower pot	0	1	6	1	Unexpanded Unknown Source	B1
AD-200980	UA-202357	S - Flower pot	8	0	7	0	Unexpanded Unknown Source	A

AD-202006	UA-202947	C - Former garden	19	9	2	0	Unexpanded Unknown Source	A
AD-200752	UA-202667	L - Maintained or mowed fields	29	0	1	0	Unexpanded Unknown Source	A
AD-200811	UA-201507	S - Garden	0	15	0	0	Unexpanded Unknown Source	A
AD-201489	UA-202705	S - Flowerbed	2	28	0	0	Unexpanded Unknown Source	A
AD-202011	UA-203096	C - Former play area	5	5	0	0	Unexpanded Unknown Source	A
AD-200438	UA-202745	S - Dog pen	6	4	0	0	Unexpanded Unknown Source	A
AD-200222	UA-203103	L - Underneath porches or decks	7	3	0	0	Unexpanded Unknown Source	A
AD-200706	UA-202339	S - Flowerbed	9	1	0	0	Unexpanded Unknown Source	A
AD-200986	UA-202454	S - Garden	9	1	0	0	Unexpanded Unknown Source	A
AD-200115	UA-202723	S - Flowerbed	9	1	0	0	Unexpanded Unknown Source	A
AD-202011	UA-203088	S - Flowerbed	10	10	0	0	Unexpanded Unknown Source	A
AD-202006	UA-202943	S - Flowerbed	11	9	0	0	Unexpanded Unknown Source	A
AD-200633	UA-202352	S - Flowerbed	13	11	0	0	Unexpanded Unknown Source	A
AD-200222	UA-203100	S - Flowerbed	13	2	0	0	Unexpanded Unknown Source	A
AD-200479	UA-202993	S - Flowerbed	14	16	0	0	Unexpanded Unknown Source	A
AD-201138	UA-202469	S - Garden	17	3	0	0	Unexpanded Unknown Source	A
AD-201524	UA-202487	L - Maintained or mowed fields	20	10	0	0	Unexpanded Unknown Source	A
AD-200656	UA-202748	C - Yard (front, back, side)	21	1	0	0	Unexpanded Unknown Source	A
AD-200479	UA-202996	C - Former garden	22	8	0	0	Unexpanded Unknown Source	A
AD-200446	UA-203344	C - Yard (front, back, side)	23	7	0	0	Unexpanded unknown source	A
AD-202006	UA-202944	C - Yard (front, back, side)	25	5	0	0	Unexpanded Unknown Source	A
AD-201111	UA-202478	C - Yard (front, back, side)	26	4	0	0	Unexpanded Unknown Source	A
AD-201138	UA-202470	S - Defined play area	27	3	0	0	Unexpanded Unknown Source	A
AD-200382	UA-202731	C - Yard (front, back, side)	27	3	0	0	Unexpanded Unknown Source	A
AD-200782	UA-203069	S - Garden	27	3	0	0	Unexpanded Unknown Source	A
AD-200960	UA-203086	S - Flowerbed	27	3	0	0	Unexpanded Unknown Source	A
AD-200804	UA-202440	C - Yard (front, back, side)	28	2	0	0	Unexpanded Unknown Source	A
AD-200782	UA-203065	S - Driveway (unpaved)	28	2	0	0	Unexpanded Unknown Source	A
AD-200228	UA-202923	S - Flowerbed	28	2	0	0	Unexpanded Unknown Source	A
AD-200109	UA-202894	S - Driveway (unpaved)	28	2	0	0	Unexpanded Unknown Source	A
AD-202011	UA-203087	C - Yard (front, back, side)	28	2	0	0	Unexpanded Unknown Source	A
AD-200960	UA-203084	S - Garden	28	2	0	0	Unexpanded Unknown Source	A
AD-202011	UA-203093	S - Chicken coop	28	2	0	0	Unexpanded Unknown Source	A
AD-200590	UA-203207	C - Yard (front, back, side)	28	2	0	0	Unexpanded Unknown Source	A
AD-200036	UA-203032	L - Maintained or mowed fields	29	1	0	0	Unexpanded Unknown Source	A
AD-200689	UA-202694	S - Garden	29	1	0	0	Unexpanded Unknown Source	A
AD-200095	UA-203074	S - Flowerbed	29	1	0	0	Unexpanded Unknown Source	A
AD-200762	UA-202964	C - Yard (front, back, side)	29	1	0	0	Unexpanded Unknown Source	A
AD-200228	UA-202680	L - Pasture or field	29	1	0	0	Unexpanded Unknown Source	A
AD-200446	UA-203347	S - Flowerbed	0	30	0	0	Unexpanded unknown source	B1
AD-202011	UA-203094	S - Defined play area	5	5	0	0	Unexpanded Unknown Source	B1
AD-200450	UA-202883	S - Defined play area	10	5	0	0	Unexpanded Unknown Source	B1
AD-200676	UA-202428	C - Former garden	12	3	0	0	Unexpanded Unknown Source	B1
AD-200676	UA-202430	S - Flowerbed	14	1	0	0	Unexpanded Unknown Source	B1
AD-200980	UA-202360	S - Flowerbed	15	3	0	0	Unexpanded Unknown Source	B1
AD-201215	UA-202335	S - Flower pot	23	3	0	0	Unexpanded Unknown Source	B1
AD-200834	UA-203039	S - Dog pen	24	6	0	0	Unexpanded Unknown Source	B1
AD-200834	UA-203035	C - Yard (front, back, side)	25	5	0	0	Unexpanded Unknown Source	B1
AD-200095	UA-203072	C - Yard (front, back, side)	26	4	0	0	Unexpanded Unknown Source	B1
AD-200382	UA-202736	S - Driveway (unpaved)	28	2	0	0	Unexpanded Unknown Source	B1
AD-200759	UA-202699	C - Yard (front, back, side)	29	1	0	0	Unexpanded Unknown Source	B1
AD-200084	UA-202830	S - Animal pen	29	1	0	0	Unexpanded Unknown Source	B1
AD-202011	UA-203091	S - Driveway (unpaved)	29	1	0	0	Unexpanded Unknown Source	B1
AD-200488	UA-201339	S - Flower pot	0	8	0	2	Unexpanded/Potting soil mix Homeowner purchase	A
AD-201095	UA-202553	S - Flower pot	3	1	0	2	Unexpanded/Potting soil mix Homeowner purchase	B1
AD-201095	UA-202552	S - Flower pot	3	0	1	1	Unexpanded/Potting soil mix Homeowner purchase	A

AD-200255	UA-201254	S - Flower pot	2	19	9	0	Unexpanded/Potting soil mix Homeowner purchase	A
AD-201111	UA-202482	S - Flower pot	6	0	9	0	Unexpanded/Potting soil mix Homeowner purchase	A
AD-200420	UA-202393	S - Flower pot	2	0	7	0	Unexpanded/Potting soil mix Homeowner purchase	A
AD-201108	UA-202948	S - Flower pot	4	13	5	0	Unexpanded/Potting soil mix Homeowner purchase	A
AD-200847	UA-201905	S - Flower pot	5	0	5	0	Unexpanded/Potting soil mix Homeowner purchase	A
AD-200534	UA-200557	S - Flower pot	17	1	5	0	Unexpanded/Potting soil mix Homeowner purchase	A
AD-201111	UA-202480	S - Flowerbed	25	0	5	0	Unexpanded/Potting soil mix Homeowner purchase	B1
AD-200333	UA-200608	S - Flower pot	1	7	4	0	Unexpanded/Potting soil mix Homeowner purchase	A
AD-200437	UA-201181	S - Flower pot	4	4	4	0	Unexpanded/Potting soil mix Homeowner purchase	A
AD-200249	UA-202510	S - Flower pot	4	20	3	0	Unexpanded/Potting soil mix Homeowner purchase	A
AD-200420	UA-202391	S - Flowerbed	27	0	3	0	Unexpanded/Potting soil mix Homeowner purchase	A
AD-201095	UA-202547	S - Garden	18	9	3	0	Unexpanded/Potting soil mix Homeowner purchase	B1
AD-200967	UA-201709	S - Flower pot	1	3	2	0	Unexpanded/Potting soil mix Homeowner purchase	A
AD-200762	UA-202970	C - Former flowerbed	2	11	2	0	Unexpanded/Potting soil mix Homeowner purchase	A
AD-200171	UA-202451	S - Flower pot	3	0	2	0	Unexpanded/Potting soil mix Homeowner purchase	A
AD-200213	UA-201873	S - Flower pot	23	5	2	0	Unexpanded/Potting soil mix Homeowner purchase	A
AD-200688	UA-201705	S - Flower pot	7	2	1	0	Unexpanded/Potting soil mix Homeowner purchase	A
AD-200415	UA-203219	S - Driveway (unpaved)	18	1	1	0	Unexpanded/Potting soil mix Homeowner purchase	A
AD-200773	UA-202976	S - Flower pot	19	5	1	0	Unexpanded/Potting soil mix Homeowner purchase	A
AD-200268	UA-202761	S - Flowerbed	29	0	1	0	Unexpanded/Potting soil mix Homeowner purchase	A
AD-200922	UA-201230	S - Flower pot	3	9	1	0	Unexpanded/Potting soil mix Homeowner purchase	B1
AD-200879	UA-201636	S - Flower pot	0	6	0	0	Unexpanded/Potting soil mix Homeowner purchase	A
AD-200479	UA-202995	S - Flower pot	0	7	0	0	Unexpanded/Potting soil mix Homeowner purchase	A
AD-200210	UA-201582	S - Flower pot	0	21	0	0	Unexpanded/Potting soil mix Homeowner purchase	A
AD-200143	UA-200938	S - Flower pot	0	5	0	0	Unexpanded/Potting soil mix Homeowner purchase	A
AD-200222	UA-203101	S - Flower pot	0	5	0	0	Unexpanded/Potting soil mix Homeowner purchase	A
AD-200656	UA-202750	S - Flower pot	0	6	0	0	Unexpanded/Potting soil mix Homeowner purchase	A
AD-201150	UA-201502	S - Flower pot	0	30	0	0	Unexpanded/Potting soil mix Homeowner purchase	A
AD-201157	UA-201608	S - Flower pot	0	12	0	0	Unexpanded/Potting soil mix Homeowner purchase	A
AD-201096	UA-201792	S - Flower pot	0	2	0	0	Unexpanded/Potting soil mix Homeowner purchase	A
AD-200469	UA-202786	S - Flowerbed	0	5	0	0	Unexpanded/Potting soil mix Homeowner purchase	A
AD-200469	UA-202788	S - Flower pot	0	5	0	0	Unexpanded/Potting soil mix Homeowner purchase	A
AD-200576	UA-201587	S - Flower pot	0	7	0	0	Unexpanded/Potting soil mix Homeowner purchase	A
AD-202005	UA-202824	S - Flowerbed	0	30	0	0	Unexpanded/Potting soil mix Homeowner purchase	A
AD-200433	UA-200327	S - Flower pot	0	2	0	0	Unexpanded/Potting soil mix Homeowner purchase	A
AD-202005	UA-202825	S - Flower pot	0	25	0	0	Unexpanded/Potting soil mix Homeowner purchase	A
AD-201010	UA-202092	S - Flower pot	0	30	0	0	Unexpanded/Potting soil mix Homeowner purchase	A
AD-200552	UA-201780	S - Flower pot	0	12	0	0	Unexpanded/Potting soil mix Homeowner purchase	A
AD-200588	UA-203352	S - Flower pot	0	30	0	0	Unexpanded/Potting soil mix Homeowner purchase	A
AD-200446	UA-203346	S - Flower pot	0	30	0	0	Unexpanded/Potting soil mix Homeowner purchase	A
AD-200440	UA-201839	S - Flower pot	1	29	0	0	Unexpanded/Potting soil mix Homeowner purchase	A
AD-200986	UA-202456	S - Flowerbed	2	11	0	0	Unexpanded/Potting soil mix Homeowner purchase	A
AD-200210	UA-202657	S - Flowerbed	2	8	0	0	Unexpanded/Potting soil mix Homeowner purchase	A
AD-200708	UA-201615	S - Flower pot	2	28	0	0	Unexpanded/Potting soil mix Homeowner purchase	A
AD-201014	UA-202162	S - Stockpile	3	2	0	0	Unexpanded/Potting soil mix Homeowner purchase	A
AD-200689	UA-202695	S - Flower pot	3	5	0	0	Unexpanded/Potting soil mix Homeowner purchase	A
AD-200649	UA-201805	S - Flower pot	3	27	0	0	Unexpanded/Potting soil mix Homeowner purchase	A
AD-200652	UA-201685	S - Flower pot	3	8	0	0	Unexpanded/Potting soil mix Homeowner purchase	A
AD-200155	UA-202756	S - Flower pot	3	1	0	0	Unexpanded/Potting soil mix Homeowner purchase	A
AD-201224	UA-202610	S - Flower pot	3	7	0	0	Unexpanded/Potting soil mix Homeowner purchase	A
AD-200394	UA-202752	S - Flowerbed	4	11	0	0	Unexpanded/Potting soil mix Homeowner purchase	A
AD-201158	UA-201494	S - Flower pot	4	14	0	0	Unexpanded/Potting soil mix Homeowner purchase	A
AD-200567	UA-201601	S - Flower pot	4	17	0	0	Unexpanded/Potting soil mix Homeowner purchase	A
AD-200164	UA-202805	S - Garden	4	1	0	0	Unexpanded/Potting soil mix Homeowner purchase	A
AD-200160	UA-203314	S - Flower pot	4	9	0	0	Unexpanded/Potting soil mix Homeowner purchase	A
AD-200138	UA-202145	S - Flower pot	5	5	0	0	Unexpanded/Potting soil mix Homeowner purchase	A

AD-200747	UA-201628	S - Flowerbed	5	1	0	0	Unexpanded/Potting soil mix Homeowner purchase	A
AD-200148	UA-203045	S - Flower pot	5	1	0	0	Unexpanded/Potting soil mix Homeowner purchase	A
AD-200660	UA-201808	S - Flower pot	5	6	0	0	Unexpanded/Potting soil mix Homeowner purchase	A
AD-200897	UA-202671	S - Flower pot	5	1	0	0	Unexpanded/Potting soil mix Homeowner purchase	A
AD-200859	UA-202938	S - Flower pot	5	1	0	0	Unexpanded/Potting soil mix Homeowner purchase	A
AD-200790	UA-200701	S - Flowerbed	5	11	0	0	Unexpanded/Potting soil mix Homeowner purchase	A
AD-200458	UA-201174	S - Flower Pot	5	25	0	0	Unexpanded/Potting soil mix Homeowner purchase	A
AD-200216	UA-203371	S - Flower pot	5	3	0	0	Unexpanded/Potting soil mix Homeowner purchase	A
AD-201113	UA-201591	S - Flowerbed	6	1	0	0	Unexpanded/Potting soil mix Homeowner purchase	A
AD-201088	UA-202665	S - Flowerbed	6	5	0	0	Unexpanded/Potting soil mix Homeowner purchase	A
AD-200155	UA-202755	S - Garden	6	2	0	0	Unexpanded/Potting soil mix Homeowner purchase	A
AD-200441	UA-202304	S - Flower pot	7	1	0	0	Unexpanded/Potting soil mix Homeowner purchase	A
AD-201112	UA-201697	S - Flower pot	7	6	0	0	Unexpanded/Potting soil mix Homeowner purchase	A
AD-200985	UA-203180	S - Flower pot	7	5	0	0	Unexpanded/Potting soil mix Homeowner purchase	A
AD-200436	UA-202879	S - Flowerbed	7	8	0	0	Unexpanded/Potting soil mix Homeowner purchase	A
AD-200773	UA-202989	S - Flowerbed	8	2	0	0	Unexpanded/Potting soil mix Homeowner purchase	A
AD-200997	UA-202536	S - Flowerbed	8	2	0	0	Unexpanded/Potting soil mix Homeowner purchase	A
AD-200873	UA-201720	S - Flower pot	8	2	0	0	Unexpanded/Potting soil mix Homeowner purchase	A
AD-201088	UA-202666	S - Flower pot	8	8	0	0	Unexpanded/Potting soil mix Homeowner purchase	A
AD-200436	UA-202880	S - Flower pot	8	2	0	0	Unexpanded/Potting soil mix Homeowner purchase	A
AD-200190	UA-203027	S - Flower pot	9	4	0	0	Unexpanded/Potting soil mix Homeowner purchase	A
AD-201134	UA-202496	S - Flower pot	9	1	0	0	Unexpanded/Potting soil mix Homeowner purchase	A
AD-200919	UA-202567	S - Flower pot	9	1	0	0	Unexpanded/Potting soil mix Homeowner purchase	A
AD-200507	UA-202813	S - Flower pot	9	2	0	0	Unexpanded/Potting soil mix Homeowner purchase	A
AD-200005	UA-203302	S - Garden	9	1	0	0	Unexpanded/Potting soil mix Homeowner purchase	A
AD-201523	UA-203128	S - Flower pot	9	2	0	0	Unexpanded/Potting soil mix Homeowner purchase	A
AD-200153	UA-203319	S - Flower pot	9	3	0	0	Unexpanded/Potting soil mix Homeowner purchase	A
AD-200818	UA-201579	S - Flower pot	10	10	0	0	Unexpanded/Potting soil mix Homeowner purchase	A
AD-200475	UA-202309	S - Flowerbed	10	2	0	0	Unexpanded/Potting soil mix Homeowner purchase	A
AD-200438	UA-202747	S - Flower pot	10	2	0	0	Unexpanded/Potting soil mix Homeowner purchase	A
AD-200737	UA-200848	S - Flower pot	10	20	0	0	Unexpanded/Potting soil mix Homeowner purchase	A
AD-200043	UA-201743	S - Flower pot	10	1	0	0	Unexpanded/Potting soil mix Homeowner purchase	A
AD-200394	UA-201864	S - Flower pot	10	3	0	0	Unexpanded/Potting soil mix Homeowner purchase	A
AD-200590	UA-203206	S - Flower pot	10	20	0	0	Unexpanded/Potting soil mix Homeowner purchase	A
AD-200607	UA-201484	S - Flower pot	11	4	0	0	Unexpanded/Potting soil mix Homeowner purchase	A
AD-201173	UA-202621	S - Flower pot	11	2	0	0	Unexpanded/Potting soil mix Homeowner purchase	A
AD-202011	UA-203089	S - Flower pot	11	1	0	0	Unexpanded/Potting soil mix Homeowner purchase	A
AD-201095	UA-202550	S - Flowerbed	12	3	0	0	Unexpanded/Potting soil mix Homeowner purchase	A
AD-200845	UA-201906	S - Flower pot	12	18	0	0	Unexpanded/Potting soil mix Homeowner purchase	A
AD-200759	UA-202702	S - Flower pot	13	2	0	0	Unexpanded/Potting soil mix Homeowner purchase	A
AD-200773	UA-202988	S - Flower pot	13	8	0	0	Unexpanded/Potting soil mix Homeowner purchase	A
AD-200759	UA-202701	S - Flowerbed	14	1	0	0	Unexpanded/Potting soil mix Homeowner purchase	A
AD-200118	UA-202474	S - Flowerbed	15	3	0	0	Unexpanded/Potting soil mix Homeowner purchase	A
AD-201108	UA-201746	S - Flowerbed	16	14	0	0	Unexpanded/Potting soil mix Homeowner purchase	A
AD-201010	UA-202846	S - Flowerbed	16	14	0	0	Unexpanded/Potting soil mix Homeowner purchase	A
AD-201569	UA-202857	S - Flower pot	17	2	0	0	Unexpanded/Potting soil mix Homeowner purchase	A
AD-200250	UA-201565	S - Flowerbed	17	3	0	0	Unexpanded/Potting soil mix Homeowner purchase	A
AD-201044	UA-203143	S - Flower pot	20	10	0	0	Unexpanded/Potting soil mix Homeowner purchase	A
AD-201134	UA-202497	S - Garden	22	8	0	0	Unexpanded/Potting soil mix Homeowner purchase	A
AD-200915	UA-201111	S - Flower pot	23	2	0	0	Unexpanded/Potting soil mix Homeowner purchase	A
AD-200660	UA-202950	S - Garden	24	6	0	0	Unexpanded/Potting soil mix Homeowner purchase	A
AD-201095	UA-202554	S - Flowerbed	25	5	0	0	Unexpanded/Potting soil mix Homeowner purchase	A
AD-200600	UA-201304	S - Flowerbed	26	4	0	0	Unexpanded/Potting soil mix Homeowner purchase	A
AD-201490	UA-203021	S - Flowerbed	26	4	0	0	Unexpanded/Potting soil mix Homeowner purchase	A
AD-201158	UA-201498	S - Flowerbed	26	4	0	0	Unexpanded/Potting soil mix Homeowner purchase	A
AD-200917	UA-201066	S - Flower pot	26	4	0	0	Unexpanded/Potting soil mix Homeowner purchase	A

AD-200438	UA-202743	S - Flowerbed	27	3	0	0	Unexpanded/Potting soil mix Homeowner purchase	A
AD-200217	UA-203367	S - Flowerbed	27	3	0	0	Unexpanded/Potting soil mix Homeowner purchase	A
AD-200077	UA-202912	C - Former flowerbed	27	3	0	0	Unexpanded/Potting soil mix Homeowner purchase	A
AD-200282	UA-202952	S - Flowerbed	28	2	0	0	Unexpanded/Potting soil mix Homeowner purchase	A
AD-201088	UA-202663	C - Yard (front, back, side)	28	2	0	0	Unexpanded/Potting soil mix Homeowner purchase	A
AD-200816	UA-203055	S - Garden	28	2	0	0	Unexpanded/Potting soil mix Homeowner purchase	A
AD-200773	UA-202975	S - Flowerbed	29	1	0	0	Unexpanded/Potting soil mix Homeowner purchase	A
AD-200964	UA-202766	S - Flowerbed	29	1	0	0	Unexpanded/Potting soil mix Homeowner purchase	A
AD-200809	UA-202571	S - Flowerbed	29	1	0	0	Unexpanded/Potting soil mix Homeowner purchase	A
AD-200818	UA-201578	S - Flowerbed	29	1	0	0	Unexpanded/Potting soil mix Homeowner purchase	A
AD-200776	UA-201842	S - Flower pot	29	1	0	0	Unexpanded/Potting soil mix Homeowner purchase	A
AD-201098	UA-201429	S - Flower pot	29	1	0	0	Unexpanded/Potting soil mix Homeowner purchase	A
AD-200572	UA-202527	S - Garden	0	10	0	0	Unexpanded/Potting soil mix Homeowner purchase	B1
AD-200572	UA-202530	C - Former flowerbed	0	10	0	0	Unexpanded/Potting soil mix Homeowner purchase	B1
AD-200911	UA-201311	S - Flower pot	0	7	0	0	Unexpanded/Potting soil mix Homeowner purchase	B1
AD-200851	UA-201457	S - Flower pot	0	8	0	0	Unexpanded/Potting soil mix Homeowner purchase	B1
AD-200747	UA-201629	S - Flower pot	0	5	0	0	Unexpanded/Potting soil mix Homeowner purchase	B1
AD-200968	UA-201715	S - Flower pot	0	10	0	0	Unexpanded/Potting soil mix Homeowner purchase	B1
AD-200578	UA-203324	S - Flower pot	0	10	0	0	Unexpanded/Potting soil mix Homeowner purchase	B1
AD-200272	UA-202677	S - Flower pot	1	9	0	0	Unexpanded/Potting soil mix Homeowner purchase	B1
AD-200665	UA-201425	S - Flower pot	1	13	0	0	Unexpanded/Potting soil mix Homeowner purchase	B1
AD-200762	UA-202967	S - Flowerbed	3	12	0	0	Unexpanded/Potting soil mix Homeowner purchase	B1
AD-200581	UA-203326	S - Flower pot	3	20	0	0	Unexpanded/Potting soil mix Homeowner purchase	B1
AD-200217	UA-203368	S - Flower pot	4	6	0	0	Unexpanded/Potting soil mix Homeowner purchase	B1
AD-200316	UA-200736	S - Flowerbed	5	10	0	0	Unexpanded/Potting soil mix Homeowner purchase	B1
AD-200946	UA-202949	S - Flower pot	5	3	0	0	Unexpanded/Potting soil mix Homeowner purchase	B1
AD-202006	UA-202942	S - Flower pot	6	3	0	0	Unexpanded/Potting soil mix Homeowner purchase	B1
AD-200164	UA-202804	S - Flowerbed	6	4	0	0	Unexpanded/Potting soil mix Homeowner purchase	B1
AD-202012	UA-203306	S - Flower pot	6	2	0	0	Unexpanded/Potting soil mix Homeowner purchase	B1
AD-201095	UA-202544	S - Flower pot	7	3	0	0	Unexpanded/Potting soil mix Homeowner purchase	B1
AD-200515	UA-200190	S - Flowerbed	7	1	0	0	Unexpanded/Potting soil mix Homeowner purchase	B1
AD-200177	UA-201969	S - Flower pot	7	1	0	0	Unexpanded/Potting soil mix Homeowner purchase	B1
AD-200509	UA-202718	S - Garden	8	2	0	0	Unexpanded/Potting soil mix Homeowner purchase	B1
AD-200251	UA-201320	S - Flower pot	10	15	0	0	Unexpanded/Potting soil mix Homeowner purchase	B1
AD-200834	UA-203037	S - Flowerbed	10	5	0	0	Unexpanded/Potting soil mix Homeowner purchase	B1
AD-201490	UA-203022	S - Flower pot	11	4	0	0	Unexpanded/Potting soil mix Homeowner purchase	B1
AD-200165	UA-201139	S - Garden	12	18	0	0	Unexpanded/Potting soil mix Homeowner purchase	B1
AD-200282	UA-202953	S - Flower pot	12	3	0	0	Unexpanded/Potting soil mix Homeowner purchase	B1
AD-201149	UA-201658	S - Flower pot	13	17	0	0	Unexpanded/Potting soil mix Homeowner purchase	B1
AD-200041	UA-202971	S - Flower pot	15	3	0	0	Unexpanded/Potting soil mix Homeowner purchase	B1
AD-200572	UA-202525	S - Flowerbed	17	3	0	0	Unexpanded/Potting soil mix Homeowner purchase	B1
AD-200166	UA-202651	S - Flowerbed	17	3	0	0	Unexpanded/Potting soil mix Homeowner purchase	B1
AD-202004	UA-202596	S - Flowerbed	18	2	0	0	Unexpanded/Potting soil mix Homeowner purchase	B1
AD-200859	UA-202937	S - Flowerbed	20	10	0	0	Unexpanded/Potting soil mix Homeowner purchase	B1
AD-202004	UA-202593	S - Garden	23	7	0	0	Unexpanded/Potting soil mix Homeowner purchase	B1
AD-200156	UA-203106	S - Flowerbed	24	6	0	0	Unexpanded/Potting soil mix Homeowner purchase	B1
AD-201164	UA-202901	S - Flowerbed	24	1	0	0	Unexpanded/Potting soil mix Homeowner purchase	B1
AD-202004	UA-202595	S - Flowerbed	26	4	0	0	Unexpanded/Potting soil mix Homeowner purchase	B1
AD-200272	UA-202676	S - Flowerbed	26	4	0	0	Unexpanded/Potting soil mix Homeowner purchase	B1
AD-200820	UA-202929	S - Flower pot	26	4	0	0	Unexpanded/Potting soil mix Homeowner purchase	B1
AD-200590	UA-203208	C - Former flowerbed	26	4	0	0	Unexpanded/Potting soil mix Homeowner purchase	B1
AD-200415	UA-203218	C - Former flowerbed	27	3	0	0	Unexpanded/Potting soil mix Homeowner purchase	B1
AD-200036	UA-203034	S - Flower pot	28	2	0	0	Unexpanded/Potting soil mix Homeowner purchase	B1
AD-201060	UA-202488	C - Yard (front, back, side)	28	2	0	0	Unexpanded/Potting soil mix Homeowner purchase	B1
AD-201523	UA-203127	S - Flowerbed	29	1	0	0	Unexpanded/Potting soil mix Homeowner purchase	B1
AD-201014	UA-201126	S - Garden	24	6	0	0	Unexpanded/Potting soil mix Homeowner purchase	B2

AD-200331	UA-202215	S - Flowerbed	19	1	0	0	Unknown	B1
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